

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the subject application. The Non-Final Office Action of February 28, 2004 has been received and its contents carefully reviewed.

Claims 1, 6, and 10 have been amended. Claims 1-14 remain in the application.

In the Office Action, the Examiner rejected claims 1-14 under 35 U.S.C. § 112, first paragraph, as based on a disclosure which is not enabling; claims 1-14 35 U.S.C. § 103(a) as being unpatentable over the Applicants Related Art (“ARA”) in view of U.S Patent No. 5,305,129 to Fujiwara et al. (“Fujiwara”) further in view of U.S Patent No. 5,963,284 to Jones et al. (“Jones”).

In rejecting claims 1-14 under 35 U.S.C. § 112, first paragraph, the Examiner states: “[p]er Applicant’s enabling disclosure [0031-0033], the overcoat layer has to have a refractive index that is different from that of the cholesteric liquid crystal color filter in order to diffuse light, critical or essential to the practice of the invention, but not included in the claim(s) is not enabled by the disclosure.” Claims 1, 6, and 10 have been amended, and Applicant respectfully requests that this rejection be withdrawn.

The rejection of claims 1-5 and 8-9 under 35 U.S.C. § 103(a) as being unpatentable over ARA in view of Fujiwara and further in view of Jones is respectfully traversed and reconsideration is requested. Claims 1-5 and 8 are allowable over the cited reference in that claims 1-5 and 8 recite a combination of elements including, for example “a cholesteric liquid crystal color filter on the absorption layer, the cholesteric liquid crystal color filter having a plurality of protrusions”. Claim 9 is allowable over the cited reference in that claim 8 recites a combination of elements including, for example “a cholesteric liquid crystal layer having a plurality of protrusions, wherein the cholesteric liquid crystal is on the absorption layer”. The

ARA, Fujiwara, and Jones, singly or in combination, do not teach or suggest at least these features of the claimed invention.

The Examiner states that the ARA and/or Fujiwara teaches cholesteric liquid crystal filters, but does not “explicitly specify a cholesteric liquid crystal color filter having a plurality of protrusions.” The Examiner cites Jones to cure this deficiency. In citing Jones the Examiner focuses on the fact that Jones “teaches and discloses a diffusive color filter (Figure 8) that contributes to the reduction of image parallax or pixel crosstalk, minimizes depolarizing effects, and that can be mass produced.” No where does the Examiner identify in Jones a cholesteric liquid crystal color filter having a plurality of protrusions. The Examiner focuses on the function of a diffusive color filter in Jones and offers that as teaching a cholesteric liquid crystal color filter having a plurality of protrusions. Jones does not teach a cholesteric liquid crystal color filter. Accordingly, Applicants respectfully submit that claims 1-5 and 8-9 are allowable over the cited references.

The rejection of claims 6-7 and 10-14 under 35 U.S.C. § 103(a) as being unpatentable over ARA in view of Fujiwara and further in view of Jones is respectfully traversed and reconsideration is requested. Claims 6-7 are allowable over the cited reference in that claims 6-7 and 8 recite a combination of elements including, for example “forming a cholesteric liquid crystal color filter over the absorption layer, the cholesteric liquid crystal color filter having a plurality of protrusions”. Claims 10-14 are allowable over the cited reference in that claims 10-14 recite a combination of elements including, for example “patterning the cholesteric liquid crystal layer using the photoresist as a mask to form a plurality of protrusions on the cholesteric liquid crystal layer”. The ARA, Fujiwara, and Jones, singly or in combination, do not teach or suggest at least these features of the claimed invention. The discussion above relating to claims

1-5 and 8-9 applies to claims 6-7 and 10-14. Accordingly, Applicants respectfully submit that claims 6-7 and 10-14 are allowable over the cited references.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

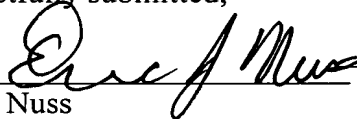
If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,

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